

CLAIMS

- 1 Method of transmitting, over a bus, encoded video data stored
5 on a storage medium, the stored data being data packets and tags assigned to the packets, comprising a step for comparing a tag with a value counted (9) from a transfer clock (8) to define the time of transfer over the bus of a packet read from the storage medium, characterized in that, for the implementation of a trick mode, it also comprises the following steps:
- 10 - computation of the difference between two consecutive packets according to stored tag values,
 - computation of an offset value according to this difference and parameters received over the bus defining the trick mode,
 - addition (18) of this offset to the tag value of the packet
15 transmitted to obtain a new tag value defining the time of transfer over the bus of the next packet to be transmitted.
- 2 Method according to Claim 1, characterized in that the
20 computation of the difference is averaged over a succession of packets.
- 3 Method according to Claim 2, characterized in that the
computation of the average difference is performed not in real time, based on stored tags taken over a predefined period.
- 25 4 Method according to Claim 1, characterized in that the stored data is audio and video data encoded according to the MPEG standard.
- 5 Method according to Claim 2, characterized in that the stored
data corresponds to the transport stream TS.
- 30 6 Method according to Claim 1, characterized in that the bus is an IEEE 1394 bus.
- 7 Method according to Claim 6, characterized in that the
35 parameters of the trick mode originate from a decoder linked to the IEEE 1394 bus.

8 Method according to Claim 1, characterized in that the trick modes are the slow-motion and fast forward or reverse picture scrolling modes, the parameters defining the scrolling speed and the direction.

5 9 Data transmission device for implementing the method according to Claim 1, characterized in that it comprises:

- a counter (14) for supplying count information,
- a comparator (19) which compares the count information with a tag to trigger the transmission of the packet corresponding to the tag, over
10 the bus,
- a computation circuit receiving the parameters of the trick mode and the tag values of preceding packets transmitted to compute an offset value according to these parameters and the difference between the tag values of two successive packets,
- 15 - an adder (18) for adding the tag value corresponding to the time of transmission of a packet (n-1) to an offset value to define a new tag value transmitted to the comparator and corresponding to the transmission of a subsequent packet n.

20 10 Device according to Claim 8, characterized in that the computation circuit computes an average value of the differences between the tag values of two successive packets.

25 11 Server, characterized in that it comprises a transmission device according to Claim 9.